

PLEASE NOTE -

* Copies not attached as previously submitted to or cited by the USPTO in parent applications US10/303,291* and US09/855,093**

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/728,886
		Filing Date	12/08/2003
		First Named Inventor	Kia Silverbrook
		Art Unit	2853
		Examiner Name	AN H. DO
Sheet 1 of 8	Attorney Docket Number	ZE008US	

U.S. PATENT DOCUMENTS					
Examiner Initials'	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code 2 (if known)			
<i>JS</i>	<i>1</i>	us 6,505,912 B2 *	Jan 2003	Silverbrook et al.	<i>1</i>
<i>JS</i>		US 5,812,159 **	Sep 1998	Anagnostopoulos et al.	
<i>JS</i>		US 6,247,790 B1 **	Jun 2001	Silverbrook et al.	
<i>JS</i>		US 6,007,187 **	Dec 28, 1999	Kashino et al.	
<i>JS</i>		US 5,896,155 **	Apr 20, 1999	Lebens et al.	
<i>JS</i>		US 4,855,567 **	Aug 08, 1989	Mueller	
<i>JS</i>		us 5,719,604	Feb 17, 1998	Inui et al	
<i>JS</i>		US 5,666,141	Sept 09, 1997	Matoba et al	
<i>JS</i>		US 4,672,398	June 09, 1987	Kuwabara et al	
<i>JS</i>		US 4,737,802	Apr 12, 1988	Mielke	
<i>JS</i>		US 5,029,805	July 9, 1991	Albarda et al	
<i>JS</i>		US 6,258,774	Nov 2, 1993	Rogers	
<i>JS</i>		us 4,553,393	Nov 19, 1985	Ruoff	
<i>JS</i>		US 4,864,824	Sept 12, 1989	Gabriel et al	
<i>JS</i>		US 4,423,401	Dec 27, 1983	Mueller	
			US-		
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS							
Examiner Initials ⁶	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ , Kind Code ⁵ (if known)				
JP JP JP JP JP JP JP JP JP JP JP JP JP JP		EP	0416540 A2	Mar 1991	Usui et al.		
		JP	404001051-A **	Jan 1992	Komai		
		EP	0.713.774	05.29.1996	Sharp Kabushiki Kaisha		
		DE	195 16 997	11.16.1995	Sharp KK		
		DE	196 23 620	12.19.1996	Sharp KK		
		JP	2-108544 (Abstract)	04.20.1990	Seiko Epson Corp		
		JP	2-92643 (Abstract)	04.03.1990	Seiko Epson Corp		
		JP	4-353458 (Abstract)	12.08.1992	Brother Ind Ltd		
		JP	6-91865 (Abstract)	04.05.1994	Seikosha Co Ltd		
		JP	6-91866 (Abstract)	04.05.1994	Seikosha Co Ltd		
		JP	2-265752 (Abstract)	10.30.1990	Matsushita Electronic Ind Co Ltd		
		EP	0 634 273	01.18.1995	Sharp Kabushiki Kaisha		

Examiner Signature		Date Considered	8/27/04
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

PLEASE NOTE -

* Copies not attached as previously submitted to or cited by the USPTO in parent applicationS US10/303,291* and US09/855,093**














Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/728,886		
		Filing Date	12/08/2003		
		First Named Inventor	Kia Silverbrook		
		Art Unit	2853		
		Examiner Name	AJ H. DO		
Sheet	3	of	8	Attorney Docket Number	ZE008US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. 1	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code 3	Number ⁴ - Kind Code* (if known)				
		JP	02.162049 (Abstract) ✓	06.21.1990	Seiko Epson Corp		
		DE	32 45 283 ✓	06.07.1984	Siemens AG		
		JP	04.368851 (Abstract) ✓	12.21.1992	Seiko Epson Corp		
		JP	02.158348 (Abstract) ✓	06.18.1990	Minolta Camera Co. Ltd		
		JP	03.112662 (Abstract) ✓	05.14.1991	Seiko Epson Corp		
		JP	03.653348 (Abstract) ✓	03.20.1991	Matsushita Electric Ind. Co		
		EP	0.431.338 ✓	06.12.1991	Matsushita Electric Ind. Co		
		JP	01.257058 ✓	10.13.1989	Seiko Epson Corp		
		DE	195.17.969 ✓	11.30.1995	Sharp K.K.		

Examiner Signature		Date Considered	8/27/04
-----------------------	--	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

* Copies not attached as previously submitted to or cited by the USPTO in parent applications US10/303,291* and US09/855,093**

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 4 of 8

Complete If Known

Application Number	10/728,886
Filing Date	12/08/2003
First Named Inventor	Kia Silverbrook
Art Unit	2853
Examiner Name	AN H. DO
Attorney Docket Number	ZE008US

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ - Number ⁴ - Kind Code ⁵ (# known)			
<i>AS</i>		DE 196 39 717 /	04.17.1997	Sharp K.K	
<i>AS</i>		EP 0 737 580 /	10.16.1996	Canon K.K	
<i>AS</i>		EP 0 882 590 /	12.09.1998	Canon K.K	
<i>AS</i>		EP 0 478 956 /	04.08.1992	KernforschungsZ Karlsruhe GMBH	
<i>AS</i>		DE 1 648 322 /	03.24.1971	VDO Tachometerwerke GMBH	
<i>AS</i>		GB 1 428 239 /	03.17.1976	Cible Projecteurs	
<i>AS</i>		DE 39 34 280 /	04.26.1990	CAE di Cipelletti Alberto	
<i>AS</i>		DE 29 05 063 /	08.14.1980	Olympia Werke AG	
<i>AS</i>		WO 94 18010 /	08.18.1994	Domino Printing Sciences PLC	

**Examiner
Signature**

Date Considered

8/27/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

English language Worksheet is attached.

Duration Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

* Copies not attached as previously submitted to or cited by the USPTO in parent applicationS US10/303,291* and US09/855,093**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	101728886
				Filing Date	12/08/2003
				First Named Inventor	Kia Silverbrook
				Art Unit	2853
				Examiner Name	AN H. DC
Sheet	5	of	8	Attorney Docket Number	ZE008US

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code‡ - Number§ - and Code¶ (if known)				
<i>JS</i>	<i>1</i>	EP 0 398 031	11.22.1990	Seiko Epson Corp		<i>1</i>
<i>JS</i>	<i>2</i>	EP 0 427 291	05.15.1991	Seiko Epson Corp		<i>1</i>
<i>JS</i>	<i>3</i>	JP 01115639 (Abstract)	05:08:1989	Ricoh Co Ltd		<i>1</i>
<i>JS</i>	<i>4</i>	JP 58 116165 (Abstract)	07.11.1983	Canon K.K		<i>1</i>
<i>JS</i>	<i>5</i>	EP 0 627 314	12.07.1994	Olivetti Canon Ind SPA		<i>1</i>
<i>JS</i>	<i>6</i>	JP 61 268453 (Abstract)	11.27.1986	Olympus Optical Co Ltd		<i>1</i>
<i>JS</i>	<i>7</i>	JP 04 118241 (Abstract)	04.20.1992	Seiko Epson Corp		<i>1</i>
<i>JS</i>	<i>8</i>	EP 0 506 232	09.30.1992	Videojet Systems Int, Inc		<i>1</i>
<i>JS</i>	<i>9</i>	JP 07 314665 (Abstract)	12.05.1995	Canon Inc		<i>1</i>
<i>JS</i>	<i>10</i>	JP 03 180350	08.08.1991	Seiko Epson Corp		<i>1</i>

Examiner Signature		Date Considered	8/27/04
-----------------------	---	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

* Copies not attached as previously submitted to or cited by the USPTO in parent applicationS US10/303,291* and US09/855,093**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/ 728, 586
				Filing Date	12/08/2003
				First Named Inventor	Kia Silverbrook
				Art Unit	2853
				Examiner Name	Ad H. 110
				Attorney Docket Number	ZE008US
Sheet	6	of	8		

[illegible]

FOREIGN PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		WO 97 12689	04.10.1997	The Board of Trustees of the Leland Stanford University	
		JP 02 050841 (Abstract)	02.20.1990	Seiko Epson Corp	
		EP 0 510 648	10.28.1992	Ivri Yehuda	
		JP 05 28765 (Abstract)	10.29.1993	Canon Inc.	
		JP 04 141429 (Abstract)	05.14.1992	Seiko Epson Corp.	
		JP 01 105746 (Abstract)	04.24.1989	Ricoh Co., Ltd.	
		GB 792 145	03.19.1958	Technograph Printed Circuits Ltd	
		EP 0.750.993	01.02.1997	Canon K.K.	

Examiner Signature		Date Considered	8/27/04
-----------------------	---	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPER 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**


* Copies not attached as previously submitted to or cited by the USPTO in parent applicationS US10/303,291* and US09/855,093**

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
We are not required to respond to a collection of information unless it contains a valid OMB

A circular black and white stamp. The outer ring contains the text "OIPE JC139" at the top and "PATENT & TRADEMARK OFFICE" at the bottom. In the center, the date "DEC 12 2003" is stamped.

[illegible]

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code‡ - Number⁴ - Kind Code⁵ (if known)			
JP	1	JP 01.306254 (Abstract)	12.11.1989	Seiko Epson Corp.	
		EP 0 092 229	10.26.1983	Siemens AG	
		DE 37 16 996	12.08.1988	VDO Schindling	
		DE 34 30 155	02.27.1986	Siemens AG	
		FR 2 231 076	12.20.1974	Electricite De France	

Examiner Signature		Date Considered	8/27/04
-----------------------	---	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinda Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.00 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08B (10-01)

Approved for use through 10/31/2002 OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	8	of	8
-------	---	----	---

Complete if Known

Application Number	10/ 728,886
--------------------	-------------

Filing Date	12/08/03
-------------	----------

First Named Inventor	Kia Silverbrook
----------------------	-----------------

Group Art Unit	- -	2853
----------------	-----	------

Examiner Name	AN H. DO
---------------	----------

Attorney Docket Number	ZE008US
------------------------	---------

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner
Signature**

Date _____

Considered

8/27/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.